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[10191 1517]

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Inventor(s) : Pawel DRABAREK
Serial No. : 09/622,802
Filed : October 11, 2000
For : INTERFEROMETRIC MEASURING DEVICE FOR
DETECTING THE SHAPE OR DISTANCE IN
PARTICULAR OF ROUGH SURFACES
Examiner : M. LYONS
Art Unit : 2877

Mail Stop AF
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

AMENDMENT

SIR:

In response to the Final Office Action mailed on February 3, 2003, please reconsider the above-identified application based on the following:

IN THE SPECIFICATION AND ABSTRACT:

In accordance with 37 C.F.R. § 1.121(b)(3), a Substitute Specification (including the Abstract, but without claims) accompanies this response. It is respectfully requested that the Substitute Specification (including Abstract) be entered to replace the Specification of record.

IN THE CLAIMS:

Without prejudice, please amend claims 11 and 19 as follows:

11. (Twice Amended) An interferometric measuring device for detecting one of a shape and a distance of a rough surface, the measuring device comprising:

at least one spatially coherent beam gun unit for emitting a short time coherent broad-band beam;

a first beam splitter for splitting the short time coherent broad band beam into